

# HF Happenings

No 522

September 2012

The photograph in HF Happenings 521 was taken at Koffiefontein in the southern Free State, but no coffee in that fountain!

## SARL VHF/UHF Analogue and Digital Contest

The second leg of the SARL VHF/UHF Analogue and Digital contest will be held from 10:00 UTC on Saturday 15 September to 10:00 UTC on Sunday 16 September. Activity will be on 6, 4 and 2 metres as well as 70 and 23 cm and the higher bands. Read the complete rules from page 32 of the 2012 SARL Contest Manual, there is just too much to include here in HF Happenings.

## 80<sup>th</sup> Anniversary of Practical Wireless Magazine - GB80PW

The GB80PW Special Event call sign is being aired each month until December 2012 - but Thursday 13 September is a very special day as it marks the actual 80<sup>th</sup> anniversary of the first publication of the (then weekly) PW in September 1932.

The Editor, Rob Mannion, G3XFD, will be operating the station from around 09:30 UTC from his home in Bournemouth with the help of Phil Ciotti, G3XBZ, on this very special Thursday. Rob will be opening the session and Phil will be joining in after lunch. Both Phil and Rob will be concentrating on using 40 m SSB during the morning and early afternoon. The operators are also planning to operate on 20 m SSB during the late afternoon. Rob is also hoping to be active on PSK31 on 80 m in the evening.

Rob adds, Saturday 15 September sees the normal monthly activation of GB80PW and we are planning to be on the air between 09:30 and approximately 15:00 UTC (depending on band conditions) on 40 m. Phil, G3XBZ, and I hope to work as many stations as possible. Regards to you all, Rob, G3XFD/EI5IW

Practical Wireless Magazine - [www.pwpublishing.ltd.uk/](http://www.pwpublishing.ltd.uk/)

## "Egypt 2012 with call sign SU55J"

The Egyptian Radio Amateur Society for Development (ERASD) announces a special event "Egypt 2012 with call sign SU55J." This event gathers the Radio Amateurs from all over the world to enjoy the radio activity and the fabulous Egypt. We are waiting you from 18 - 22

South African Radio  
League  
Suid-Afrikaanse Radioliga

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International Amateur  
Radio Union since 1925

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<http://groups.yahoo.com/group/>

"Amateur radio is the most exciting of all technological hobbies"





October 2012 in Cairo. The event is organised by ERASD in cooperation with the Arab Scout Region. The programme includes the participation in the 55<sup>th</sup> World Scout Jamboree on the air (JOTA 55) and Egyptian Radio Amateur Station SU55J will work 24 hours day; during the event, we make good programmes to exchange experiences. In addition, a lot of Amateur Radio activities and a very nice Tourist programme in old Cairo and nice surprises! QSL SU55J via SM5AQD, direct only.

For more details visit [www.facebook.com/events/522556857770399/?context=create](http://www.facebook.com/events/522556857770399/?context=create). To register please write to ERASD Secretary, Said Kamel, SU1SK, e-mail [su1sk@amsat.org](mailto:su1sk@amsat.org)

### ***The explanation of SWR***

The wonderful and timeless Bell Labs training film, "Similarities in Wave Behaviour," <http://www.youtube.com/watch?v=DovunOxIY1k>, hosted by Dr J.N. Shive is now available online as a video. The mechanical version of a transmission line is used to show velocity of propagation, reflections, standing waves and other phenomena. The explanation of SWR is particularly clear - if you have ever been mystified at how SWR "works," this video is a must-see. The AT&T Archives, <http://techchannel.att.com/showpage.cfm?ATT-Archives>, have more material, as well.

### ***Super Check Partial Database***

Bob, WA1Z, says, "I will be releasing another version of the Super Check Partial database files on 16 September 2012. I am requesting your logs for input to the database files.

Please attach in an e-mail the same Cabrillo format log that you submitted to the contest sponsor and send it to logs at [supercheckpartial.com](http://supercheckpartial.com). If you have already sent me your logs, there is no reason to send them again.

Logs from any contest within the last 24 months are always appreciated. Some of the more commonly submitted logs are from CQ WW DX - CW, Phone, RTTY; CQ WPX - CW, Phone, RTTY; CQ 160 M - CW, Phone; ARRL DX - CW, Phone; ARRL Sweepstakes - CW, Phone; ARRL RTTY Roundup; ARRL 10 M; ARRL 160 M; IARU Radiosport; Russian DX Contest; Worked All Europe - CW, Phone, RTTY.

More information on SCP at <http://www.supercheckpartial.com>

### ***Bob Cox, K3EST, Retires as CQ WW Contest Director***

CQ News. Richard, W2VU, sent the following press release on 4 September: "CQ News: Bob Cox, K3EST, Retires as CQ WW Contest Director - Bob Cox, K3EST, has retired as Director of the CQ World Wide DX Contest and as CQ's Director of Contesting, it was announced today by CQ Publisher Dick Ross, K2MGA. Cox has been at the helm of the CQ WW for 35 years, guiding the contest through massive changes in technology - both on and off the air - and CQWW's growth to become the world's most popular amateur radio contest.

Cox first took the reins of the CQ WW in January 1977, along with Larry Brockman, WA6EPQ (now N6AR), who worked with Bob until March 1994. In making his announcement to members of the CQ World Wide Contest Committee, Bob said, '35 years encompasses almost the entire history of modern contesting. All the way from paper logs to today's need for instant answers. During that time a framework was created that made the CQ WW the innovator of almost everything used in contesting today including log checking.' He added, 'With that in mind... I am tired and wish to move on with other interests.'

Ross said the association had been long and fruitful, telling Cox 'it has been an honour to have worked with you for these many decades. Your contributions to the art and sport of amateur radio contesting have been enormous.'

Cox's retirement is effective immediately. A successor has not yet been named."

***"Amateur radio is the most exciting of all technological hobbies"***





## African DX

South Sudan, Z8. The "DX-World.Net" web page is reporting, "Jim, K7QI, is the first operator to be issued with the new Z8 prefix for an upcoming stay in South Sudan. Within the next few weeks, he plans to be active from Juba as Z8AAA. QSL via K7GSE who will update this news in the coming days." Last minute update from "DX-World.Net" web page, "Jim, Z8AAA, will be home on 25 September for couple of weeks before heading back to Southern Sudan with a new Yaesu FT-2000D and a Hex beam. He hopes to be on the air sometime in October or November and thanks all for e-mails and best of luck messages. Will keep all informed of any more news."

Hani, OD5TE, reports that Diya Al Sadi, YI1DZ, has also been issued with a call sign and is now Z81D.

These are permanent call signs given by the Ministry of Telecommunications and Postal Services. At present time, Diya is all set-up and ready to go, and thanks to Diya's kindness, both Z81A and Z81D will be using his station located at Nyakuron South, Juba.

Tanzania, 5H. Arne, OH2NNE, will be active as 5H2DK from Moshi (KI86qq) between 2 and 17 October. Also, there may be sporadic activity using a portable set-up from different locations between 18 and 27 October. This will be a one-man operation on SSB only. The set-up includes an Icom 706 MKIIG boosted with an SG-500 to emit full 100 watts permitted, A3S tribander (10, 15 and 20) and dipoles for 12, 17, 40 and 80 metres. The portable set-up will include the Icom 706, an AH-4 mobile antenna tuner, a wire antenna taped to a 6 m fishing stick. Preliminary TX frequencies plan is 3 790, 7 090, 14 250, 18 150, 21 250, 24 950 and 28 450 kHz. The RX will be the same as TX, 5 up, 5 - 10 up or 7,145 on 40 m band. In order to maximize the possibility for everyone to get into the log, Arne suggest/asks that Europe call 5 up and outside Europe/Scandinavia to call 10 up. Arne states, "We will try our best to serve everybody. Please behave according to the rules in order to maximize QSO rate and minimize the number of failed QSOs. We will try to upload the log, if possible." QSL via his home call sign.

## African Islands

Madagascar, 5R. Eric, F6ICX, will once again be active as 5R8IC from Saint Marie Island (AF-090) between 10 November and 9 December. Activity will be holiday style operating CW, RTTY, and PSK63 and using a FT-450 with 100 watts into various GPs or Inverted-Ls and a Hexbeam for 20 - 10 metres. There will be no online log during his activity. QSL via his home call sign, QRZ.com. View pictures of his last trips at <http://f6kbk.free.fr/5r8ic/5r8ic.htm>

Canary Islands, EA8. Mike, DL3FCG, will once again be active as EA8/DL3FCG from La Orotava, Tenerife Island (AF-004, S-012 for the Spanish Islands Award, WLOTA LH-1276) between 15 and 28 October. Activity will be on 80 - 10 metres using CW, SSB and the digital modes. He also plans to be in the WAG Contest (20 and 21 October) and the CQ WW DX SSB Contest (27 and 28 October). QSL via DL3FCG, direct or by the Bureau (preferred). All QSOs will also be confirmed via LoTW and eQSL. Visit his Blog Page for more details at <http://dl3fcg.blogspot.de>

Madeira Islands, CR3/CT9. The CR3L contest station in Santana on Madeira Island (AF-014) will be busy over the next few months during the upcoming contest season. Look for the following operators to be active possibly as CT9/homecall and CR3L during the upcoming dates and contests:





20 September to 4 October. Operators Walter, DJ6QT, Goetz, DJ3IW, Kalle, DM3BJ, Stefan, DK1MM, Horst, DK1QH, Dieter, DK4QT, Han-J., DL1YFF, Boris, E73Y, and Marijan, S56A. Activity during the CQ WW DX RTTY Contest (29 and 30 September) as a Multi-Multi entry.

21 October to 2 November. Operators Karlfried, DL1EK, Peter, DH4JQ, Marion, DF4UM, Marco, DJ5KW, and Leo, DK8VC. Activity during the CQ WW DX SSB Contest (27 and 28 October) as a Multi-Op entry.

20 to 27 November. Operators Arno, DL1CW, Ulf, DL5AXX, Frank, DL8WAA, Ulrich, DJ2YA, Falk, DK7YY, Gennady, UA9MA, Mikhail, UA9PM, and Ruslan, UA9ONJ. Activity during the CQ WW DX CW Contest (24 and 25 November) as a Multi-2 entry.

QSL CR3L via DJ6QT. Activity by operators, QSL via their home call sign. Visit the CR3L Santana, Madeira Island, Web page at <http://www.cq3l.de>

## Special Event Stations

### Operating Tip

"It is impossible to send code and sneeze at the same time." - Kate, K6HTN

### Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 10 to 17 September 2012.

#### FISTS Get Your Feet Wet Weekend

00:00 UTC 14 September to 24:00 UTC 16 September

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: Newcomer; Experienced

Exchange: FISTS: RST, name, state, province or country, FISTS no and last 2-digits of year licensed; non-FISTS: RST, name and state, province or country, power and last 2-digits of year licensed

Work stations: Once per band

QSO Points: 2 points per QSO with different class; 1 point per QSO with same class

Multipliers: Each station worked licensed in the past 6 years once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 16 October 2012

E-mail logs to: [Lee-N7NU@comcast.net](mailto:Lee-N7NU@comcast.net)

Mail logs to: Lee Hallin, N7NU, 3413 Walton Ln, Eugene OR 97408, USA

Find rules at: <http://www.fists.org/operating.html>

#### NCCC Sprint Ladder

02:30 - 03:00 UTC 14 September

Mode: CW

Bands: 160, 80, 40, 20, 15 m

Classes: Single Op

Max power: 100 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station





Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 16 September 2012

E-mail logs to: (none)

Post log summary at: <http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at: <http://www.nccsprint.com/rules.html>

#### SARL VHF/UHF Analogue/Digital Contest

10:00 UTC 15 September to 10:00 UTC 16 September

Mode: Analogue - CW, SSB and FM, Digital

Bands: 50 MHz, 70 MHz, 144 MHz, 432 MHz, 1296 MHz

Classes: Base - unlimited, analogue or digital; Field - unlimited, analogue or digital; Club/Multi-Op - unlimited, analogue or digital; Rover - unlimited, analogue or digital; 4-Hour Limited - unlimited, analogue or digital

Exchange: RS and 6-character grid locator

Work stations: Once per band

Score Calculation: (see rules)

Submit logs by: 1 October 2012

E-mail logs to: [contest@sarl.org.za](mailto:contest@sarl.org.za)

Mail logs to: (none)

Find rules at:

[http://www.sarl.org.za/public/contests/SARL\\_2012\\_Contest\\_Manual\\_issue\\_10.pdf](http://www.sarl.org.za/public/contests/SARL_2012_Contest_Manual_issue_10.pdf)

#### Scandinavian Activity Contest, CW

12:00 UTC 15 September to 12:00 UTC 16 September

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op Single Xmtr - QRP, low or high; Single Op Single Xmtr Assisted; Single Op Single Band; Multi-Single; Multi-Multi

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: RST and serial no

Work stations: Once per band

QSO Points: Scandinavian: 2 points per QSO with EU; Scandinavian: 3 points per QSO with non-EU; EU: 1 point per QSO with Scandinavian station; non-EU: 1 point per QSO with Scandinavian station on 20, 15 and 10 m; non-EU: 3 points per QSO with Scandinavian station on 80 and 40 m

Multipliers: Scandinavian: Each DXCC country once per band; non-Scandinavian: Each Scandinavian call area once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 30 September 2012

Upload log at: <http://www.sactest.net/robot/>

Mail logs to: (none)

Find rules at: <http://www.sactest.net/blog/rules/>

#### CIS DX QPSK63 Contest

12:00 UTC 15 September to 12:00 UTC 16 September

Mode: QPSK63

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - high or low; MOST





Max power: HP: 100 watts; LP: 10 watts

Exchange: RSQ and DXDA number

QSO Points: (see rules)

Multipliers: Each DXDA area once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 1 October 2012

Upload log at: [http://ua9qcq.com/contests/submit\\_log\\_eng.php](http://ua9qcq.com/contests/submit_log_eng.php)

Mail logs to: (none)

Find rules at:

[http://www.epc-ru.ru/index.php?option=com\\_content&task=view&id=1371&Itemid=282](http://www.epc-ru.ru/index.php?option=com_content&task=view&id=1371&Itemid=282)

#### South Carolina QSO Party

14:00 UTC 15 September to 03:00 UTC 16 September

Mode: CW/Digital, Phone

Bands: 160, 80, 40, 20, 15, 10, 6 m

Classes: Single Op Fixed - CW, SSB or mixed - QRP, low or high; Multi-Single Fixed - CW, SSB or mixed - QRP, low or high; Multi-Multi Fixed - CW, SSB or mixed - QRP, low or high; Mobile-Single - CW, SSB or mixed - QRP, low or high; Mobile-Multi - CW, SSB or mixed - QRP, low or high

Max power: HP: >100 W; LP: 100 W; QRP: 5 W

Exchange: SC: RS(T) and County; non-SC: RS(T) and state, province or DX

Work stations: Once per band per mode per county

QSO Points: 1 point per phone QSO; 2 points per CW/Digital QSO

Multipliers: SC: Each US state (including DC) and VE province/territory once per mode; non-SC:

Each SC county once per mode

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 15 October 2012

E-mail logs to: [logs@scqso.com](mailto:logs@scqso.com)

Mail logs to: SCQSO Party, PO Box 595, Columbia, SC 29202-0595, USA

Find rules at: <http://scqso.com/rules/>

#### QRP Afield

15:00 UTC 15 September to 03:00 UTC 16 September

Mode: All

Bands: 160, 80, 40, 20, 15, 10 m

Classes: (none)

Exchange: RS(T), state, province, country, IOTA or USI and power or NE QRP no

Work stations: Once per band per mode

QSO Points: 1 point per QSO if using >5 W and permanent location; 2 points per QSO if using >5 W and field/mobile location; 5 points per QSO if QRP and permanent location; 10 points per QSO if QRP and field/mobile location

Multipliers: Each state, province, country, IOTA, USI once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 20 October 2012

E-mail logs to: [k1cl@arrl.net](mailto:k1cl@arrl.net)

Mail logs to: Chuck Ludinsky, K1CL, 6 Pracing Rd., Chelmsford, MA 01824-1922, USA

Find rules at: <http://newenglandgrp.org/afield>

#### Feld Hell Sprint

16:00 - 18:00 UTC 15 September





Mode: Feld Hell

Bands: 160, 80, 40, 20, 15, 10 m

Classes: (none)

Max power: Standard: 100 watts; QRP: 5 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: (see rules)

Bonus Points: (see rules)

Multipliers: (see rules)

Score Calculation: (see rules)

Submit logs by: 22 September 2012

E-mail logs to: [kj8o@wowway.com](mailto:kj8o@wowway.com)

Mail logs to: (none)

Find rules at: <https://sites.google.com/site/feldhellclub/Home/oldfiles/contests/sprint-rules>

#### Washington State Salmon Run

16:00 UTC 15 September to 07:00 UTC 16 September and 16:00 - 24:00 UTC 16 September

Mode: CW, SSB, Digital

Bands: 160, 80, 40, 20, 15, 10, 6, 2 m

Classes: Single Op - CW, SSB, digital or mixed - QRP, low or high; Multi-Single; WA Club Single Transmitter; WA Club Two Transmitters; WA Mobile - CW, SSB, digital or mixed ; WA Single Op Expedition - CW, SSB, digital or mixed ; WA Multi-Op Single Xmtr Expedition; WA Multi-Op Two Xmtr Expedition; Unlimited (see rules)

Exchange: WA: RS(T) and County; non-WA: RS(T) and state, province or country

Work stations: Once per band per mode per county

QSO Points: 2 points per phone QSO; 3 points per CW or digital QSOs; Bonus: 500 points per QSO with W7DX once per mode (max of 1 500 points)

Multipliers: WA: Each WA county, state, province, DXCC entity once; non-WA: Each WA county once

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 31 October 2012

E-mail logs to: [salmonrun@wwdxc.org](mailto:salmonrun@wwdxc.org)

Mail logs to: Western Washington DX Club, PO Box 395, Mercer Island, WA 98040, USA

Find rules at: <http://www.wwdxc.org/salmon-run/2012-salmon-run/2012-salmon-run.html>

#### North American SSB Sprint

00:00 - 04:00 UTC 16 September

Mode: SSB

Bands: 80, 40, 20 m

Classes: Single Op - QRP, low or high

Max operating hours: 4 hours

Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts

Exchange: other station's call, your call, serial no, your name and your state, province or country

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KL7) once; Each VE province once; Each North American country (except W/VE) once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 22 September 2012

E-mail logs to: (see rules, web upload preferred)





Upload log at: <http://www.ncjweb.com/sprintlogsubmit.php>

Mail logs to: Jim Stevens, K4MA, 6609 Vardon Ct., Fuquay-Varina, NC 27526, USA

Find rules at: <http://www.ncjweb.com/sprintrules.php>

Run for the Bacon QRP Contest

01:00 - 03:00 UTC 17 September

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Band; All Band

Max power: 5 watts

Exchange: RST, state, province or country and member no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent

Multipliers: Each state, province or country once; Multiply mults by 2 if >50 members worked

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23 September 2012

E-mail logs to: (none)

Upload log at: <http://fpqrp.org/pigrun/autolog.php>

Mail logs to: (none)

Find rules at: <http://fpqrp.org/pigrun/>

## Next Week's Contests

NAQCC Straight Key/Bug Sprint, 00:30 - 02:30 UTC 20 September

NCCC Sprint Ladder, 02:30 - 03:00 UTC 21 September

AGB NEMIGA Contest, 21:00 - 24:00 UTC 21 September

FOC QSO Party, 00:00 - 23:59 UTC 22 September

BARTG Sprint 75, 17:00 - 21:00 UTC 23 September

## History This Week

A look back at events that made history this week - compiled by the Summerland Amateur Radio Club of Lismore, NSW and Dennis, ZS4BS. The week starting Monday 10 September 2012.

122 - Building begins on Hadrian's Wall

1662 - Flamsteed sees solar eclipse, first known astronomical observation

1830 - William Huskisson of England is the first to be run-over by a railroad train

1881 - Chicago Tribune reports on a televide experiment

1886 - George K Anderson of Memphis, Tennessee patents the typewriter ribbon

1904 - Wilbur Wright makes his first airplane flight

1906 - First airplane flight in Europe

1908 - Thomas Selfridge becomes the first fatality of powered flight

2001 9/11 - Twin Towers destruction and atrocities

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newsline, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News and Southgate ARC

